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Imagery analysis report

Soviet Troposcatter Communications Network In Poland (S)

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SOVIET TROPOSCATTER COMMUNICATIONS NETWORK IN POLAND (S)

1. (S/D) Probable links of the troposcatter network between the Soviet Groups of Forces in Poland, Czechoslovakia, Hungary, and the Soviet Union were seen on satellite imagery of [] 25X1
[] in Poland (Figure 1) at Legnica Training Area 226 [] Rembertow 25X1
Army Barracks 203 [] and Kluki Troposcatter Station Northern Group of Forces 25X1
[] 25X1

2. (S/D) A high level of communications activity was observed near the north end of the training area at Legnica (Figure 2) on [] The activity involved front-, army-, and division-level assets. The equipment included four operationally deployed R-410 TWIN PLATE sets, six TWIN PLATE sets in travel mode, one operationally deployed R-400/404 radio relay set, three operationally deployed R-409 CATS PAW communications antennas, and 18 radio-associated van trucks. One of the operationally deployed TWIN PLATE sets was oriented north-northeast toward the Wrzesnia area. A Soviet R-410 TWIN PLATE-equipped radio relay battalion is housed at Wrzesnia Army Barracks 201 [] The other three TWIN PLATE sets were oriented 25X1
southeast toward unknown correspondents. A report updating the locations and known correspondents of Soviet troposcatter locations will be published in the near future. Legnica is the location of the headquarters of the NGF.¹

3. (S/D) Two R-410 TWIN PLATE sets and two PARK DRIVE mobile satellite communications stations were observed operationally deployed at Rembertow (Figure 3) on [] 25X1
One of the TWIN PLATE sets is newly deployed since [] when the other equipment was first observed. Both R-410 sets are oriented northeast toward the Grodno area in the Belorussian Military District of the Soviet Union. In addition, elements of three R-410 sets were observed on maintenance racks and five signal vans were preparing to leave the installation. Also, one deployed R-410/412 mast vehicle and two TWIN PLATE sets were in a vehicle park where this equipment is not normally seen. A KGB/UPS unit is normally garrisoned at Rembertow. 25X1

4. (S/D) One operationally deployed R-410 TWIN PLATE set, one R-409 CATS PAW antenna, and four R-408 TWIN DISH antennas were observed at Kluki on [] The TWIN 25X1
DISH network is probably in the process of being converted to a TWIN PLATE network. Kluki Troposcatter Station NGF is a link in this network.

Imagery Analyst's Comments

5. (S/D) It is believed that the operationally deployed R-410 TWIN PLATE sets in the training area at Legnica are probably links in the overall troposcatter network that spans the Soviet Groups of Forces and the Soviet Union. If the TWIN PLATE sets are links in the overall troposcatter network, they appear to be oriented toward corresponding Soviet installations in Czechoslovakia and Hungary.

DOCUMENT

1. DIA. DDB-1100-UR-79, *Ground Order of Battle (GOB) - USSR (U)*, Sep 79 (SECRET) [] 25X1

RELATED DOCUMENT

NPIC. [] PIR-024/77, *Soviet Troposcatter Equipment Locations in Europe (TSR)*, Sep 77 25X1
(TOP SECRET) [] 25X1

(S) Comments and queries regarding this report are welcome. They may be directed to [] 25X1
Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC, [] 25X1

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FIGURE 1. SOVIET TROPOSCATTER COMMUNICATIONS LOCATIONS IN POLAND

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